

WEST Search History for Application 10539064

Creation Date: 2008061410:45

| Query | DB | Op. | Plur. | Thes. | Date |
|---|--|-----|-------|-------|------------|
| Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| Microsphere or micro-sphere or micro with sphere | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5) or (Microsphere or micro-sphere or micro with sphere) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| Thermoexpan\$6 or (thermo or thermal\$2 or heat) with expan\$6 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5 or Microsphere or micro-sphere or micro with sphere) with (Thermoexpan\$6 or (thermo or thermal\$2 or heat) with expan\$6) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| \$10acrylonitrile\$1 | PGPB, USPT, USOC, EPAB, JPAB, | ADJ | YES | | 06-14-2008 |

| | | | | | |
|--|--|-----|-----|--|------------|
| | DWPI, TDBD | | | | |
| Dicyanonitrile | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (\$10acrylonitrile\$1) or (Dicyanonitrile) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| Crotonic near5 acid | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| ((Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid) or (Crotonic near5 acid) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| \$10acrylamide\$1 or \$10methacrylamide\$1 or di\$8ylacrylamide or di\$6yl adj acrylamide or di\$8ylmethacrylamide or di\$6yl adj methacrylamide | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| \$10styrene\$1 or \$6methylstyrene\$1 or methyl adj styrene or isobornylacrylate or isobornylmethacrylate or isobornyl | PGPB, USPT, | ADJ | YES | | 06-14-2008 |

| | | | | | |
|---|--|-----|-----|--|------------|
| with (acrylate or methacrylate or meth! Adj acrylate) or cyclohexylacrylate or cyclohexylmethacrylate or cyclohexyl with (acrylate or methacrylate or meth! Adj acrylate) | USOC, EPAB, JPAB, DWPI, TDBD | | | | |
| Dicyclopentenyl with (acrylate or methacrylate or meth! Adj acrylate) or dicyclopentenylacrylate or dicyclopentenylmethacrylate | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (\$10styrene\$1 or \$6methylstyrene\$1 or methyl adj styrene or isobornylacrylate or isobornylmethacrylate or isobornyl with (acrylate or methacrylate or meth! Adj acrylate) or cyclohexylacrylate or cyclohexylmethacrylate or cyclohexyl with (acrylate or methacrylate or meth! Adj acrylate)) or (Dicyclopentenyl with (acrylate or methacrylate or meth! Adj acrylate) or dicyclopentenylacrylate or dicyclopentenylmethacrylate) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5 or Microsphere or micro-sphere or micro with sphere with Thermoexpan\$6 or (thermo or thermal\$2 or heat) with expan\$6) and (\$10acrylonitrile\$1 or Dicyanionitrile) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| ((Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid or Crotonic near5 acid) and (Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5 or Microsphere or micro-sphere or micro with sphere with Thermoexpan\$6 or (thermo or thermal\$2 or heat) with expan\$6 and \$10acrylonitrile\$1 or Dicyanionitrile) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (\$10acrylamide\$1 or \$10methacrylamide\$1 or di\$8ylacrylamide or di\$6yl adj acrylamide or di\$8ylmethacrylamide or di\$6yl adj methacrylamide) and ((Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid or Crotonic near5 acid and Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5 or Microsphere or micro-sphere or micro with sphere with Thermoexpan\$6 or (thermo or thermal\$2 or heat) with expan\$6 and | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |

| | | | | | |
|--|--|-----|-----|--|------------|
| \$10acrylonitrile\$1 or Dicyanonitrile) | | | | | |
| (\$10styrene\$1 or \$6methylstyrene\$1 or methyl adj styrene or isobornylacrylate or isobornylmethacrylate or isobornyl with (acrylate or methacrylate or meth! Adj acrylate) or cyclohexylacrylate or cyclohexylmethacrylate or cyclohexyl with (acrylate or methacrylate or meth! Adj acrylate) or Dicyclopentenyl with (acrylate or methacrylate or meth! Adj acrylate) or dicyclopentenylacrylate or dicyclopentenylmethacrylate) and (\$10acrylamide\$1 or \$10methacrylamide\$1 or di\$8ylacrylamide or di\$6yl adj acrylamide or di\$8ylmethacrylamide or di\$6yl adj methacrylamide and (Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid or Crotonic near5 acid and Microcapsul\$5 or micro with (capsul\$5 or encapsul\$5) or micro-capsul\$5 or micro-encapsul\$5 or microencapsul\$5 or Microsphere or micro-sphere or micro with sphere with Thermoexpan\$6 or (thermo or thermal\$2 or heat) with expan\$6 and \$10acrylonitrile\$1 or Dicyanonitrile) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| 521/56.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| 428/402.2,402.22.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (521/56.ccls.) or (428/402.2,402.22.ccls.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |
| (\$10acrylonitrile\$1 or Dicyanonitrile) and ((Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid or Crotonic near5 acid) and (\$10acrylamide\$1 or \$10methacrylamide\$1 or di\$8ylacrylamide or di\$6yl adj | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |

| | | | | | |
|---|--|-----|-----|--|------------|
| acrylamide or di\$8ylmethacrylamide or di\$6yl adj methacrylamide) and (\$10styrene\$1 or \$6methylstyrene\$1 or methyl adj styrene or isobornylacrylate or isobornylmethacrylate or isobornyl with (acrylate or methacrylate or meth! Adj acrylate) or cyclohexylacrylate or cyclohexylmethacrylate or cyclohexyl with (acrylate or methacrylate or meth! Adj acrylate) or Dicyclopentenyl with (acrylate or methacrylate or meth! Adj acrylate) or dicyclopentenylacrylate or dicyclopentenylmethacrylate) | TDBD | | | | |
| (521/56.ccls. or 428/402.2,402.22.ccls.) and (\$10acrylonitrile\$1 or Dicyanonitrile and (Acrylic or methacrylic or meth! Adj acrylic or itaconic or styrenesulfonic or styrenesulphonic or styrene adj (sulfonic or sulphonic) or maleic or fumaric or citraconic) near5 acid or Crotonic near5 acid and \$10acrylamide\$1 or \$10methacrylamide\$1 or di\$8ylacrylamide or di\$6yl adj acrylamide or di\$8ylmethacrylamide or di\$6yl adj methacrylamide and \$10styrene\$1 or \$6methylstyrene\$1 or methyl adj styrene or isobornylacrylate or isobornylmethacrylate or isobornyl with (acrylate or methacrylate or meth! Adj acrylate) or cyclohexylacrylate or cyclohexylmethacrylate or cyclohexyl with (acrylate or methacrylate or meth! Adj acrylate) or Dicyclopentenyl with (acrylate or methacrylate or meth! Adj acrylate) or dicyclopentenylacrylate or dicyclopentenylmethacrylate) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | YES | | 06-14-2008 |